ket No. 108172-00070

ARENT FOX KINTNER PLOTKIN & KAHN, PLLC

MAR 0 6 2002

Declaration For U.S. Patent Application

PATTE TRAD	As a selow na Maresidence, Melieve I am	med inventor, I hereby de post office address and ci the original, first and sole	clare that: tizenship are as state inventor (if only or	ed below my name	e. below) or an original, fir	st and joint inventor (if plural names on entitled NAs AND IMPROVED LIVE					
THAU	are listed below (Insert Title)	w) of the subject matter w PRODUCTION OF NO ATTENUATED NEW	hich is claimed and in OVEL NEWCASTLE CASTLE DISEASE	for which a patent E DISEASE VIRU VACCINES	is sought on the invention IS STRAINS FROM cD	on entitled NAs AND IMPROVED LIVE					
	the specification	on of which is attached he	reto unless the follow	ving box is check	ed:	·					
•	⊠ was Nun	filed on May 5, 2000 ober PCT/US00/06700	and wa	As PCT International Application							
	and/or was Nun	filed on October 31, 2 ober		as amended on	As U.S. Patent Applica	tion .					
	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56.										
	I hereby clain certificate, or and have also	n foreign priority benefit §365(a) of any PCT Intern	s under 35 U.S.C. { national application v ign application for p	§119(a)-(d) or §3 which designated patent or inventor	65(b) of any foreign ap at least one country other	c. §1.36. oplication(s) for patent or inventor's r than the United States, listed below mational Application having a filing					
•	date before the	it of the application(s) for	which priority is cla			Priority Claimed ☐ Yes ☐ No					
	(List prior foreign	(Number)	(Country)	(Day	/Month/Year Filed)	Yes No					
	applications)	(Number)	(Country)	(Day	/Month/Year Filed)	— □ Yes □ No					
. Ti		(Number)	(Country)	(Day	/Month/Year Filed)						
	I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.										
لأإ				_ May 5, 1	, 1999						
<u>ئ</u>				(Filing)							
, ,	(Amplication Number) (kiling Listo)										
` / [] ! 	See attached list for additional prior foreign or provisional applications.										
	designating the disclosed in the duty to disclose	e United States of Ameri	ca listed below and, S. or PCT) in the material to patentability	, insofar as the su nanner provided by as defined in 37	ubject matter of each of by the first paragraph of C.F.R. §1.56 which because	any PCT International application(s) the claims of this application is not 35, U.S.C. §112, I acknowledge the ame available between the filing date					
	(List prior U.S.										
	Applications or (Application		al No.)	(Filing Date)	(Status)	(Status) (patented, pending, abandoned)					
	applications	` **	al No.)	(Filing Date)	(Status)	(patented, pending, abandoned)					
	PCT International				(Status) (patented, pending, abandoned)						

And I hereby appoint the firm of Arent Fox, Customer Number 004372 including as principal attorneys: Robert B. Murray, Reg. No. 22,980; Charles M. Marmelstein, Reg. No. 25,895; George E. Oram, Jr., Reg. No. 27,931; Douglas H. Goldhush, Reg. No. 33,125; Richard J. Berman, Reg. No. 39,107; Murat Ozgu, Reg. No. 44,275; Robert K. Carpenter, Reg. No. 34,794; Gregory B. Kang, Reg. No. 45,273; Rustan Hill, Reg. No. 37,351; Kevin Turner, Reg. No. 43,437; Rhonda L. Barton, Reg. No. 47,271; Hans J. Crosby, Reg. No. 44,634, David D. Dzara, Reg. No. 47,543, Lynne D. Anderson, Reg. No. 46,412; Laurence J. Edson, Reg. No. 44,666, Dinnatia J. Doster, Reg. No. 45,268, Michael A. Steinberg, Reg. No. 43,160 and Lynn A. Bristol, Reg. No. 48,898.

Please direct all communications to the following address:

Customer No. 004372 ARENT FOX KINTNER PLOTKIN & KAHN, PLLC 1050 Connecticut Avenue, N.W., Suite 400 Washington, D.C. 20036-5339 Telephone No. (202) 857-6000; Facsimile No. (202) 638-4810 The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be take in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Siba K. SAMAL	,	
Inventor's signature		
Residence 3508 Marlborough Way, College Park, Maryland 20740	Date	
Citizenship US		
Post Office Address Same as above	· · · · · · · · · · · · · · · · · · ·	
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Full name of second inventor Peter L COLLINS		
Inventor's signature DETV MO	2/08/02	
	20895 Date pl 2/08/0	て
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Post Office Address Same as above		
Full name of third inventor		
Inventor's signature		
n '1	Date	
Residence		
Citizenship Post Office Address		
Tot Office Plantess		
Full name of forth inventor	· · · · · · · · · · · · · · · · · · ·	
Inventor's signature	•	
invertor 5 defination	Date	
Residence		
Citizenship		
Citizenship Post Office Address		
Full name of fifth inventor		
Inventor's signature		
Residence	Date	
Citizenship		
Post Office Address		
Full name of sixth inventor		
Inventor's signature		
Residence	Date	
Citizenship		
Post Office Address		

Docket No. 108172-000

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ARENT FOX KINTNER PLOTKIN & KAHN, PLLC

Declaration For U.S. Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

(Insert Title) PRODUCTION OF NOVEL NEWCASTLE DISEASE VIRUS STRAINS FROM cDNAs AND IMPROVED LIVE ATTENUATED NEWCASTLE DISEASE VACCINES the specification of which is attached hereto unless the following box is checked: 図 was filed on May 5, 2000 As PCT International Application Number PCT/US00/06700 and was amended on and/or was filed on October 31, 2001 As U.S. Patent Application 09/926,431Number and was amended on I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56. I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International Application having a filing date before that of the application(s) for which priority is claimed: Priority Claimed ☐ Yes ☐ No (List prior (Day/Month/Year Filed) (Number) (Country) foreign ☐ Yes ☐ No applications) (Day/Month/Year Filed) (Country) (Number) ☐ Yes ☐ No (Day/Month/Year Filed) (Number) (Country) I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below. May 5, 1999 60/132,597 (Application Number) 60/171,072 (Filing Date) December 16, 1999 (Application Number) (Filing Date) See attached list for additional prior foreign or provisional applications. I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) (U.S. or PCT) in the manner provided by the first paragraph of 35, U.S.C. §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application. (List prior U.S. Applications or (Application Serial No.) (Filing Date) (Status) (patented, pending, abandoned) PCT International applications (Application Serial No.) (Filing Date) (Status) (patented, pending, abandoned) designating the U.S.)

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Full name of sole or first inventor Siba K SAMAL	
Inventor's signature Sha h Xam Q	17/02
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Full name of second inventor Peter L COLLINS 2 (12)	
Inventor's signature	Date
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Residence Citizenship Post Office Address	Date
Full name of forth inventor	
Inventor's signature	Date
Residence Citizenship Post Office Address	
Full name of fifth inventor	
Inventor's signature	Data
Residence	Date
Full name of sixth inventor	
Inventor's signature	Data
Residence	Date